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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	AA	3	9	6	1	0	9	7	6/01/76	Gravlee, Jr.			
I	AB	4	6	1	5	9	8	4	10/7/86	Stoker			10/7/86 U.S. Proprietary
	AC	4	8	3	9	1	9	4	6/13/89	Malluche et al.			6/13/89 U.S. Proprietary
	AD	4	8	9	1	2	3	9	1/02/90	Dudley et al.			1/02/90 U.S. Proprietary
	AE	4	9	6	1	8	6	0	10/9/90	Masri			10/9/90 U.S. Proprietary
	AF	5	0	8	9	2	8	8	2/18/92	Berger			
	AG	5	1	6	4	0	9	4	11/17/92	Stuckart			
	AH	5	8	5	3	9	9	4	12/29/98	Gopinathan et al.			
M	AI	6	0	8	6	8	2	1	7/11/00	Lee			

FOREIGN PATENT DOCUMENTS

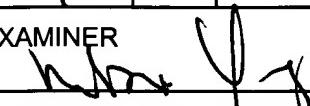
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AJ	1 0 5 6 9 7 7	11/30/83	SU			XX	

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	Arnett, G.E. and Low, F.N., "Ultrasonic Microdissection of Rat Cerebellum for Scanning Electron Microscopy", <i>Scanning Electron Microscopy</i> 1985; pp 247-255
AL	Beckstead, J.H., "A Simple Technique for Preservation of Fixation-sensitive Antigens in Paraffin-embedded Tissues", <i>Journal of Histochemistry and Cytochemistry</i> , 1994; 42(8):1127-1134
AM	Boon, M.E., et al. "Microwave irradiation of human brain tissue: production of microscopic slides within one day", <i>J. Clin. Path.</i> , 1988; 41:590-593
AN	Bosward, K.L., et al. "Heating of Guinea Pig Fetal Brain During Exposure to Pulsed Ultrasound", <i>Ultrasound in Med. & Biol.</i> , 1993; 19(5):415-424

EXAMINER		DATE CONSIDERED
		1/25/03

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	AO	<u>Botsman, N.E. and Bobrova, G.G., "An accelerated method of making histological preparations with the use of ultrasonics", Arkh Patol., 1968; 30(1):72-75 (with 2 pp. translation and 1 p. PubMed)</u>		
M	AP	Chen, R., et al. "Ultrasound-Accelerated Immunoassay, as Exemplified by Enzyme Immunoassay of Choriogonadotropin", Clinical Chemistry, 1984; 30(9):1446-1450		
	AQ	<u>Crouse, C., et al. "Extraction of DNA from Forensic-Type Sexual Assault Specimens Using Simple, Rapid Sonification Procedures", BioTechniques, 1993; 15(4):641, 642, 644, 646, 648 (missing pages are advertisements)</u>		
	AR	<u>Drakhill, E. "Methods of using ultrasonics in a quick histological treatment of tissues", Arkh Patol., 1967; 29(3):81-82 (with 2 pp. translation and 1 p. PubMed)</u>		
M	AS	Grundy, M.A., et al. "Increased sensitivity of diagnostic latex agglutination tests in an ultrasonic standing wave field", Journal of Immunological Methods, 1994; 176:169-177		
	AT	Jenkins, P., et al. "Detection of meningitis antigens in buffer and body fluids by ultrasound-enhanced particle agglutination", Journal of Immunological Methods, 1997; 205:191-200		
	AU	Jepras, R.I., et al. "Agglutination of Legionella pneumophila by antiserum is accelerated in an ultrasonic standing wave", Journal of Immunological Methods, 1989; 120:201-205		
	AV	King, J.A.C. and Hossler, F.E. "The gill arch of the striped bass, Morone saxatilis. III. Morphology of the basal lamina as revealed by various ultrasonic microdissection procedures", J. Submicrosc. Cytol. Pathol., 1988; 20(2):371-377		
	AW	Kondo, T. et al. "Damage in DNA Irradiated with 1.2 MHz Ultrasound and Its Effect on Template Activity of DNA for RNA Synthesis", Radiation Research, 1985; 104:284-292		
	AX	Kost, J., et al. "Enhanced Protein Blotting from PhastGel Media to Membranes by Irradiation of Low-Intensity Ultrasound", Analytical Biochemistry, 1994; 216:27-32		
	AY	Leong, A.S-Y "Microwave Fixation and Rapid Processing in a Large Throughput Histopathology Laboratory", Pathology, 1991; 23:271-273		
M	AZ	Login, G.R., et al. "Rapid Microwave Fixation of Human Tissues for Light Microscopic Immunoperoxidase Identification of Diagnostically Useful Antigens", Laboratory Investigation, 1987; 57(5):585-591		
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<u>AAA</u>	Ma, Y. and Yeung, E.S. "Effect of Ultrasound on the Separation of DNA Fragments in Agarose Gel Electrophoresis", <i>Analytical Chemistry</i> , June 1, 1990; 62(11):1194-1196			
<u>NY</u>	AAB	Matsuta, M., et al. "Applications of DNA Flow Cytometry and Fluorescence <i>In situ</i> Hybridization Using a Chromosome-specific DNA Probe on Paraffin-embedded Tissue Sections of Primary Malignant Melanomas", <i>Journal of Dermatology</i> , 1994; 21:14-19		
	AAC	Nishimura, R., et al. "Improved Lipid Visualization with a Modified Osmium Tetroxide Method Using Ultrasonic Treatment and Intensification with Imidazole or Triazole", <i>Biotechnic & Histochemistry</i> , 1995; 70(1):28-32		
	AAD	Obertyshev, V.G. "Ultrasonic express paraffin handling of histological specimens", <i>Sud Med Ekspert</i> , 1987; 30(4):56-58 (with 2 pp. translation and 1 p. PubMed)		
<u>NY</u>	AAE	Podkletnova, I. and Alho, H. "Ultrasound-amplified Immunohistochemistry", <i>Journal of Histochemistry and Cytochemistry</i> , 1993; 41(1):51-56		
<u>AAF</u>	Polonyi, J., et al. "Glutaraldehyde Fixation of Animal Tissues for Electron Microscopy Accelerated by Ultrasound", <i>Bratisl. Lek. Listy.</i> , 1984; 81:566-573 (only the abstract is translated)			
<u>AAG</u>	Rozenberg, V.D. "The Results and prospects of using ultrasound in pathohistological practice", <i>Arkh Patol</i> , 1991; 53(6):68-69 (with 2 pp. translation and 1 p. PubMed)			
<u>AAH</u>	Shmurun, R.I. "Methods for the rapid preparation of paraffin blocks", <i>Arkh Patol</i> , 1992; 54(9):46-47 (with 2 pp. translation and 1 p. PubMed)			
<u>NY</u>	AAI	Sinisterra, J.V. "Application of ultrasound to biotechnology: an overview", <i>Ultrasonics</i> , 1992; 30(3):180-185		
<u>NY</u>	AAJ	Williams, J.H., et al. "Tissue preparation for immunocytochemistry", <i>J. Clin. Pathol.</i> , 1997; 50:422-428		
<u>AAK</u>	Yasuda, K., et al. "Application of Ultrasound for Tissue Fixation: Combined Use with Microwave to Enhance the Effect of Chemical Fixation", <i>Acta Histochem. Cytochem.</i> , 1992; 25(1&2):237-244			
<u>AAL</u>	Yasuda, K. "Use of Ultrasound for Tissue Fixation", Proceedings of the Histochemical Society, Abstract 186, p. 1060			
EXAMINER 		DATE CONSIDERED <u>9/28/13</u>		
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